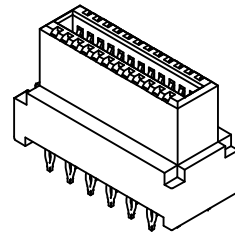
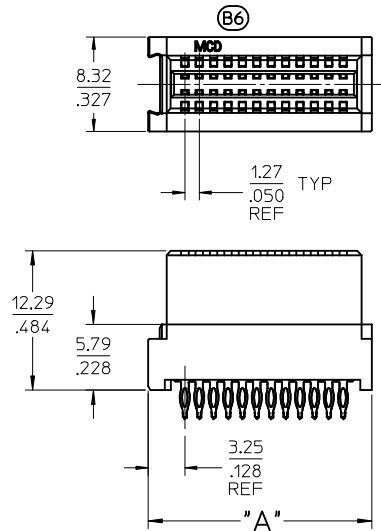
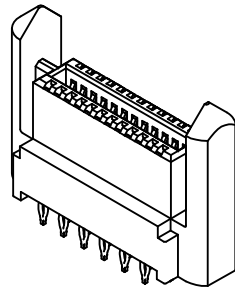
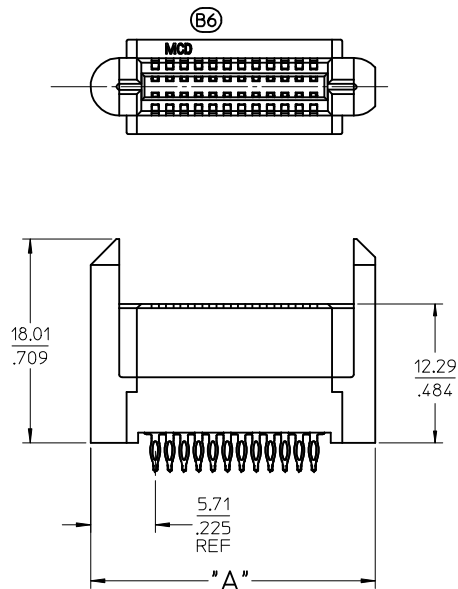


P/N 46113-0241 SHOWN



P/N 46113-0243 SHOWN



NOTES:

1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK  
POWER CONTACTS: COPPER ALLOY  
SIGNAL CONTACTS: MODIFIED TIN BRASS
2. FINISH: SELECT GOLD - 0.75  $\mu$ M/30  $\mu$  INCHES  
SELECT TIN - 1.91  $\mu$ M/75  $\mu$  INCHES OR  
SELECT TIN-LEAD - 1.91  $\mu$ M/75  $\mu$  INCHES  
BOTH OVER NICKEL - 1.25  $\mu$ M/50  $\mu$  INCHES
3. PARTS ARE RoHS COMPLIANT
4. MATES TO MOLEX P/N 45985-SERIES OR  
EDGE CARD 1571.062
5. PRODUCT SPECIFICATION PS-46114-001
6. PACKAGING: PER PK-46114-003

SIGNAL HOUSING ASSY - STANDARD

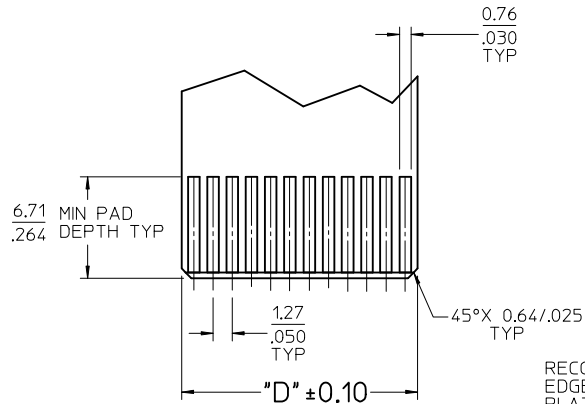
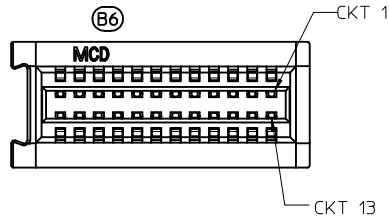
| NO OF CKTS | MATERIAL NUMBER | COMPLIANT PIN PLATING | DIM "A"     |
|------------|-----------------|-----------------------|-------------|
| 12         | 46113-0121      | TIN                   | 12.13/.478  |
| 16         | 46113-0161      | TIN                   | 14.67/.578  |
| 20         | 46113-0201      | TIN                   | 17.21/.678  |
| 24         | 46113-0241      | TIN                   | 19.75/.778  |
| 28         | 46113-0281      | TIN                   | 22.29/.878  |
| 32         | 46113-0321      | TIN                   | 24.83/.978  |
| 36         | 46113-0361      | TIN                   | 27.37/1.078 |
| 40         | 46113-0401      | TIN                   | 29.91/1.178 |

SIGNAL HOUSING ASSY W/2 GUIDES

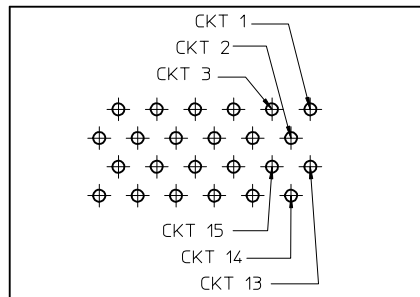
| NO OF CKTS | MATERIAL NUMBER | COMPLIANT PIN PLATING | DIM "A"     |
|------------|-----------------|-----------------------|-------------|
| 12         | 46113-0123      | TIN                   | 17.49/.689  |
| 16         | 46113-0163      | TIN                   | 20.03/.789  |
| 20         | 46113-0203      | TIN                   | 22.57/.889  |
| 24         | 46113-0243      | TIN                   | 25.11/.989  |
| 28         | 46113-0283      | TIN                   | 27.65/1.089 |
| 32         | 46113-0323      | TIN                   | 30.19/1.189 |
| 36         | 46113-0363      | TIN                   | 32.73/1.289 |
| 40         | 46113-0403      | TIN                   | 35.27/1.389 |

|                                                                                                                       |             |                                                                 |                                                            |         |        |                                                                                                                                  |                    |                                                                                                 |                        |                        |           |        |  |
|-----------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------|------------------------|------------------------|-----------|--------|--|
| UPDATE LOGO<br>EC NO: S2016-1044<br>2016/05/17<br>DRWN:ALIN06<br>CHKD:JZENG<br>APPR:KHLIM<br>2016/06/03<br>2016/06/10 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |         |        | DIMENSION STYLE<br>MM/IN                                                                                                         |                    | SCALE<br>3:1                                                                                    | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |           |        |  |
|                                                                                                                       |             |                                                                 |                                                            | mm      | INCH   | DRAWN BY<br>MKARADIMAS                                                                                                           | DATE<br>2008/03/10 | TITLE<br>LPH VERTICAL RECEPTACLE<br>SIGNAL ASSEMBLY<br>12 CKT-40 CKT, PRESS-FIT<br><b>molex</b> |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 | 4 PLACES                                                   | ± ---   | ± ---  | CHECKED BY                                                                                                                       | DATE               |                                                                                                 |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 | 3 PLACES                                                   | ± ---   | ± .010 | MBANDURA                                                                                                                         | 2008/03/14         |                                                                                                 |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 | 2 PLACES                                                   | ± 0.25  | ± ---  | APPROVED BY                                                                                                                      | DATE               |                                                                                                 |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 | 1 PLACE                                                    | ± ---   | ± ---  | JCOMERC I                                                                                                                        | 2009/12/03         |                                                                                                 |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 |                                                            | 0 PLACE | ± ---  | ± ---                                                                                                                            | MATERIAL NO.       |                                                                                                 | DOCUMENT NO.           |                        | SHEET NO. |        |  |
|                                                                                                                       |             |                                                                 | ANGULAR ±1/2°                                              |         |        | SEE CHART                                                                                                                        |                    | SD-46113-200                                                                                    |                        |                        |           | 1 OF 2 |  |
|                                                                                                                       |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                                 |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 | REV                                                        | B6      |        |                                                                                                                                  |                    |                                                                                                 |                        |                        |           |        |  |
|                                                                                                                       |             |                                                                 |                                                            |         |        |                                                                                                                                  |                    |                                                                                                 |                        |                        |           |        |  |

## SIGNAL 24 CKT



RECOMENDED EDGE CARD LAYOUT  
EDGE CARD THICKNESS: 1.57/.062  
PLATING: GOLD 30μ INCHES MIN  
OVER 150μ INCHES NICKEL



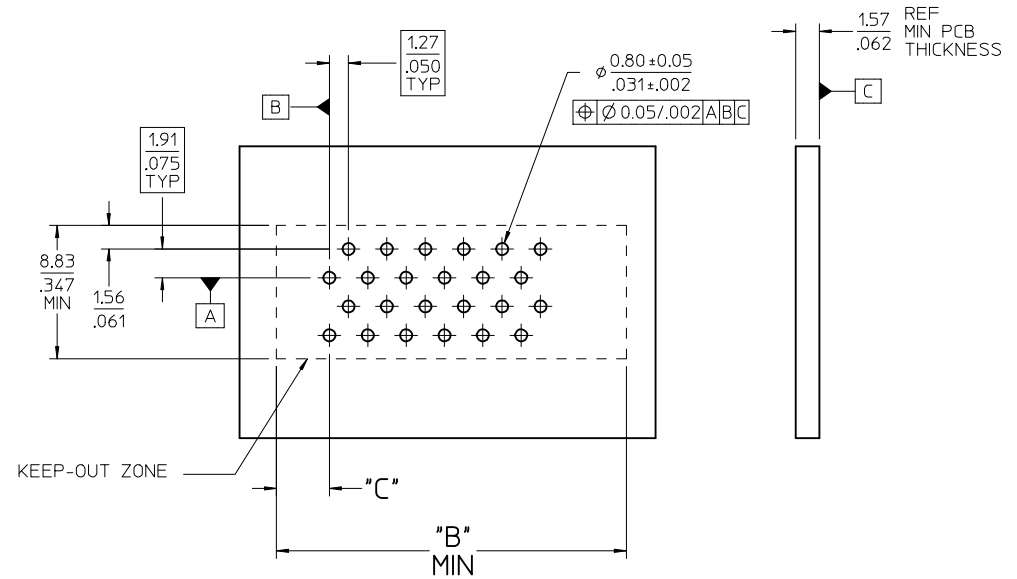
PCB LAYOUT: COMPONENT SIDE  
SEE SHT 1 FOR DIMENSIONS

## SIGNAL HOUSING ASSY - STANDARD

| NO OF CKTS | MATERIAL NUMBER | DIM "B"     | DIM "C"   | DIM "D"     |
|------------|-----------------|-------------|-----------|-------------|
| 12         | 46113-0121      | 12.65/.498  | 3.51/.138 | 8.00/.315   |
| 16         | 46113-0161      | 15.19/.598  |           | 10.54/.415  |
| 20         | 46113-0201      | 17.73/.698  |           | 13.08/.515  |
| 24         | 46113-0241      | 20.27/.798  |           | 15.62/.615  |
| 28         | 46113-0281      | 22.81/.898  |           | 18.16/.715  |
| 32         | 46113-0321      | 25.35/.998  |           | 20.70/.815  |
| 36         | 46113-0361      | 27.89/1.098 |           | 23.24/.915  |
| 40         | 46113-0401      | 30.43/1.198 |           | 25.78/1.015 |

## SIGNAL HOUSING ASSY W/2 GUIDES

| NO OF CKTS | MATERIAL NUMBER | DIM "B"     | DIM "C"   | DIM "D"     |
|------------|-----------------|-------------|-----------|-------------|
| 12         | 46113-0123      | 18.01/.709  | 5.97/.235 | 8.00/.315   |
| 16         | 46113-0163      | 20.55/.809  |           | 10.54/.415  |
| 20         | 46113-0203      | 25.63/1.009 |           | 13.08/.515  |
| 24         | 46113-0243      | 25.88/1.019 |           | 15.62/.615  |
| 28         | 46113-0283      | 28.17/1.109 |           | 18.16/.715  |
| 32         | 46113-0323      | 30.71/1.209 |           | 20.70/.815  |
| 36         | 46113-0363      | 33.25/1.309 |           | 23.24/.915  |
| 40         | 46113-0403      | 35.79/1.409 |           | 25.78/1.015 |



## PCB COMPONENT SIDE

|                                                                                                                        |             |                                                                 |                                                      |        |        |                                                                                                                               |                    |              |                        |                        |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------|--------|--------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|------------------------|------------------------|-------------------------------------------------------------------------------------------------|
| UPDATE LOGO<br>EC NO: S2016-10/44<br>2016/05/17<br>DRWN:ALIN06<br>CHKD:JZENG<br>APPR:KHLIM<br>2016/06/03<br>2016/06/10 | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        |        | DIMENSION STYLE<br>MM/IN                                                                                                      |                    | SCALE<br>4:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION | TITLE<br>LPH VERTICAL RECEPTACLE<br>SIGNAL ASSEMBLY<br>12 CKT-40 CKT, PRESS-FIT<br><b>molex</b> |
|                                                                                                                        |             |                                                                 |                                                      | mm     | INCH   | DRAWN BY<br>MKARADIMAS                                                                                                        | DATE<br>2008/03/10 |              |                        |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 | 4 PLACES                                             | ± ---  | ± ---  | CHECKED BY                                                                                                                    | DATE               |              |                        |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 | 3 PLACES                                             | ± ---  | ± .010 | MBANDURA                                                                                                                      | 2008/03/14         |              |                        |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 | 2 PLACES                                             | ± 0.25 | ± ---  | APPROVED BY                                                                                                                   | DATE               |              |                        |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 | 1 PLACE                                              | ± ---  | ± ---  | JCOMERCI                                                                                                                      | 2009/12/03         |              |                        |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 | 0 PLACE                                              | ± ---  | ± ---  | MATERIAL NO.                                                                                                                  |                    | DOCUMENT NO. | SHEET NO.              |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 | ANGULAR ±1/2°                                        |        |        | SEE CHART                                                                                                                     |                    | SD-46113-200 |                        | 2 OF 2                 |                                                                                                 |
|                                                                                                                        |             |                                                                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |        |                                                                                                                               |                    |              |                        |                        |                                                                                                 |
|                                                                                                                        |             |                                                                 |                                                      |        |        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |              |                        |                        |                                                                                                 |